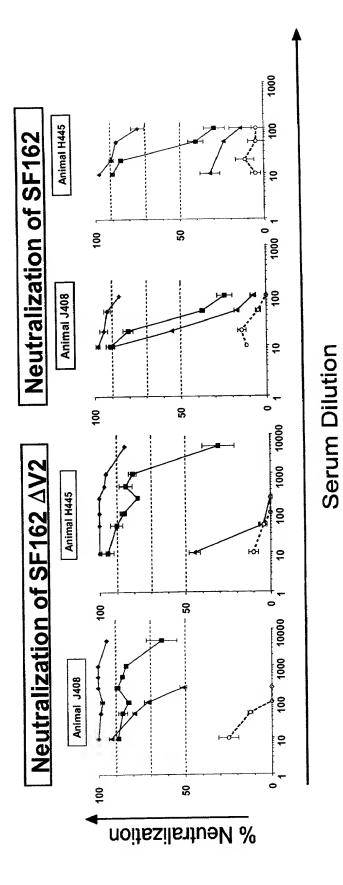
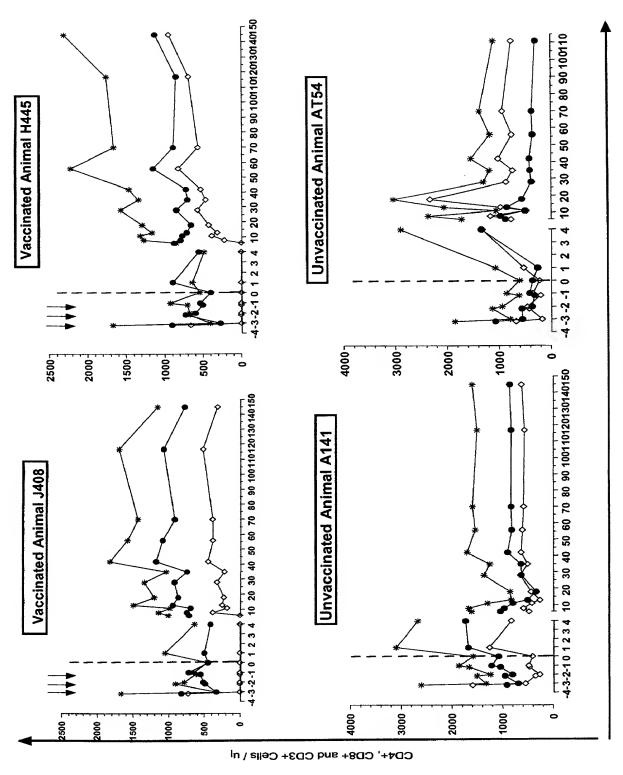


2570-1-001N FIGURE 1

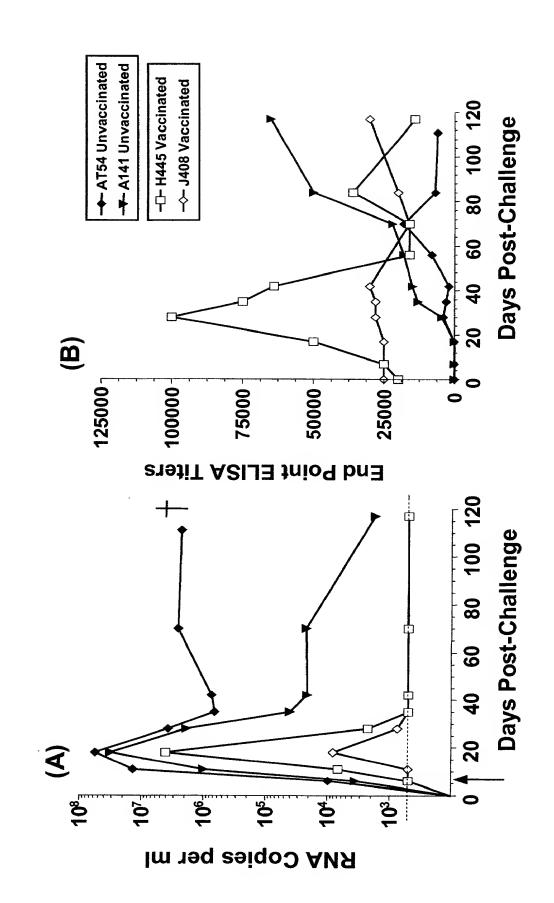


2570-1-001N FIGURE 2

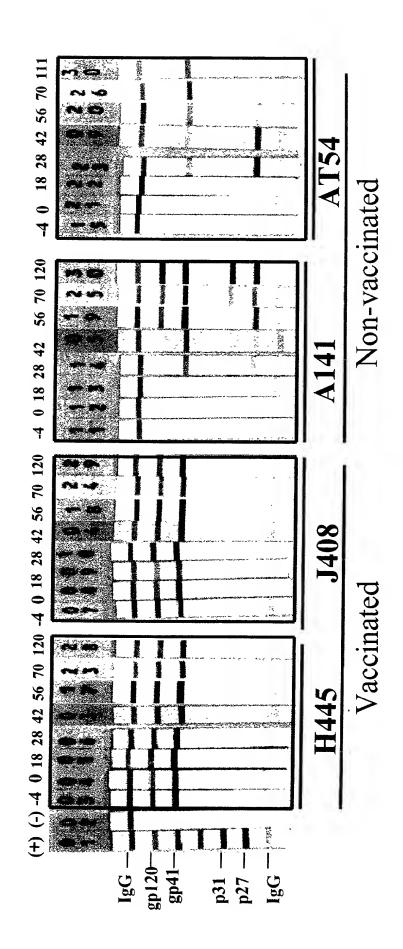


Days Post-Challenge

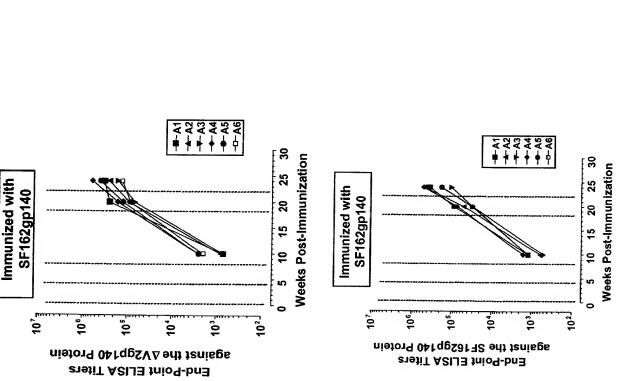
2570-1-001N FIGURE 4

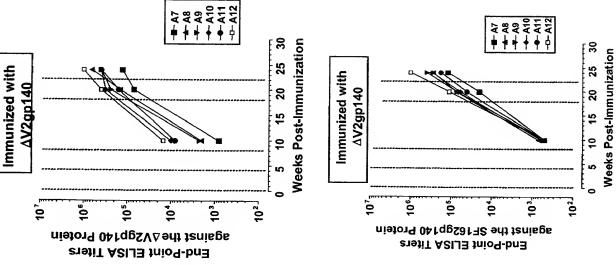


Seroconversion to SIV-gag/pol and HIV env Antigens



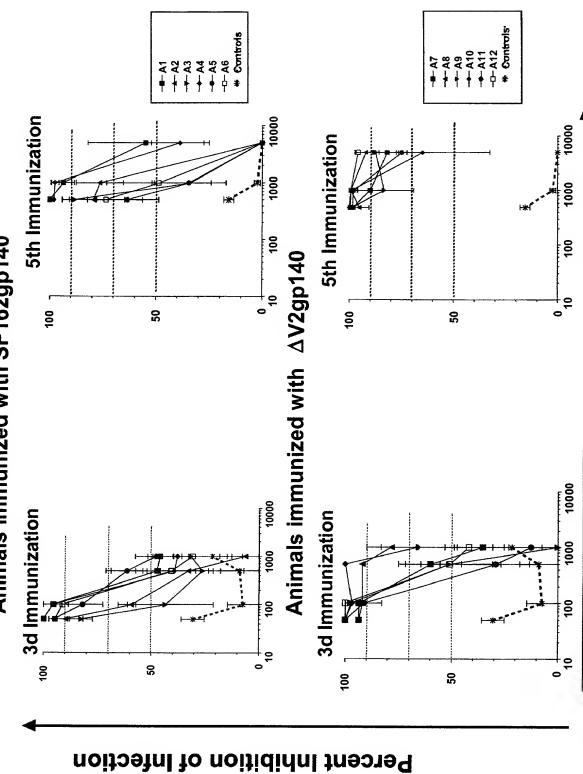
2570-1-001N FIGURE 5



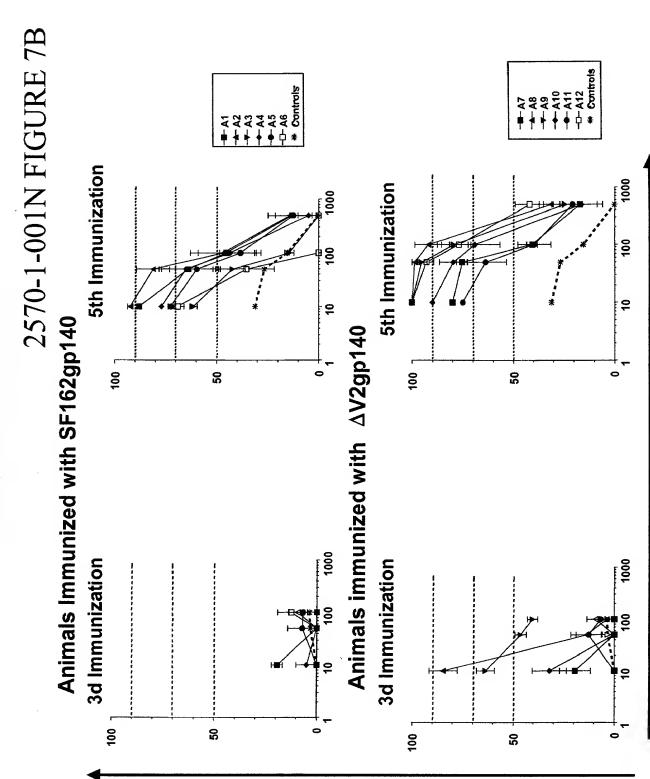


2570-1-001N FIGURE 6



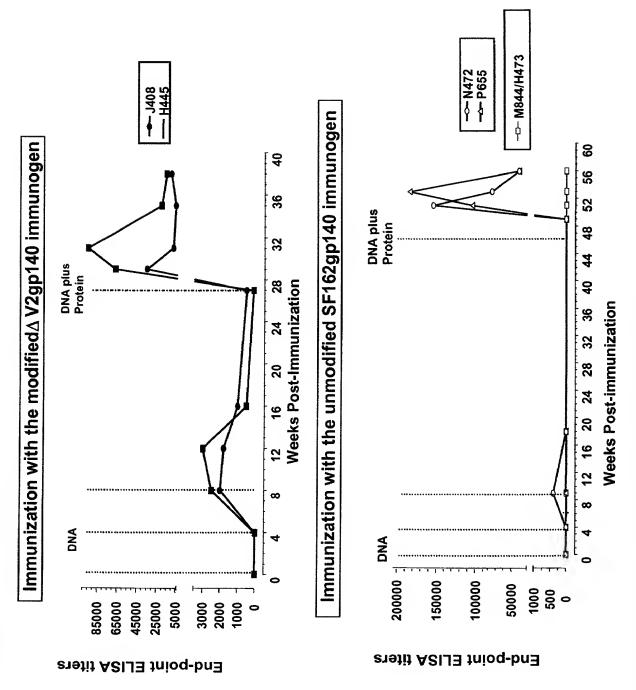


Serum Dilution

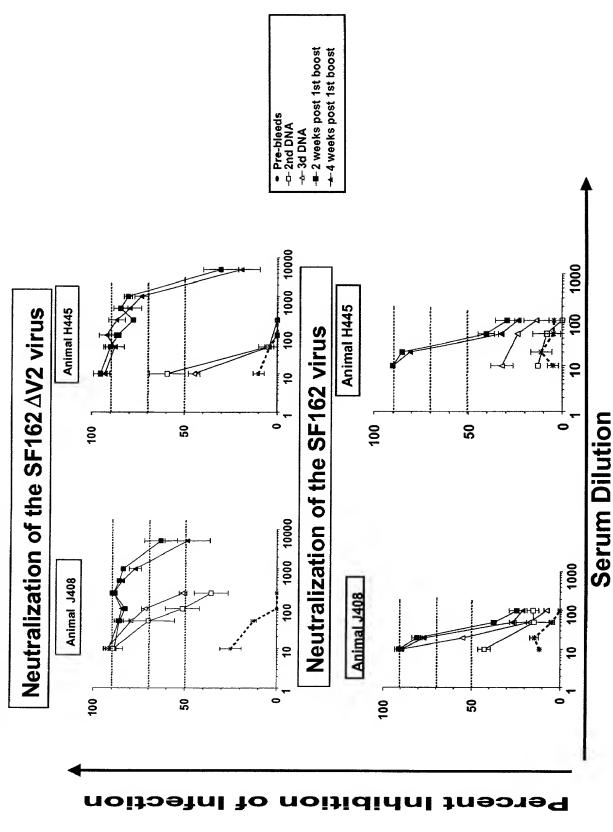


Percent Inhibition of Infection

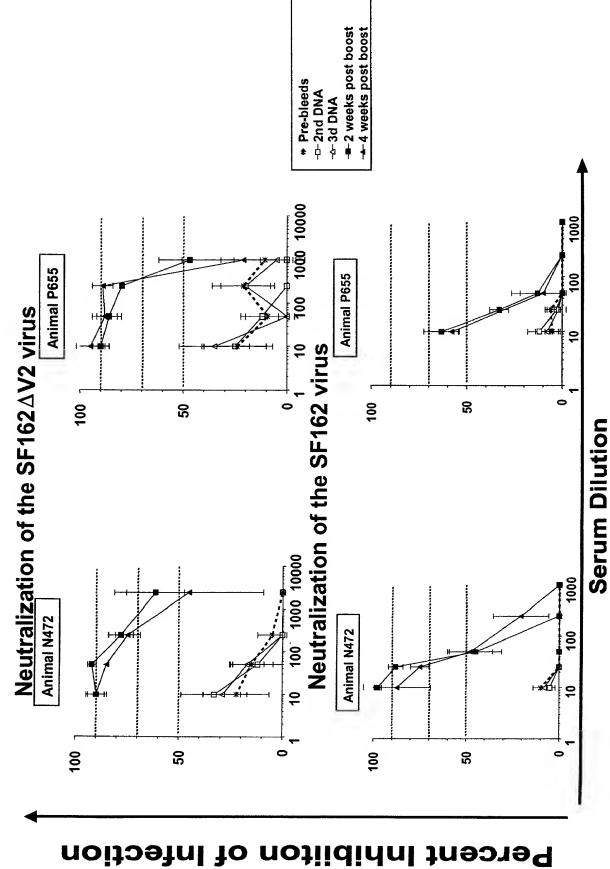
Serum Dilution



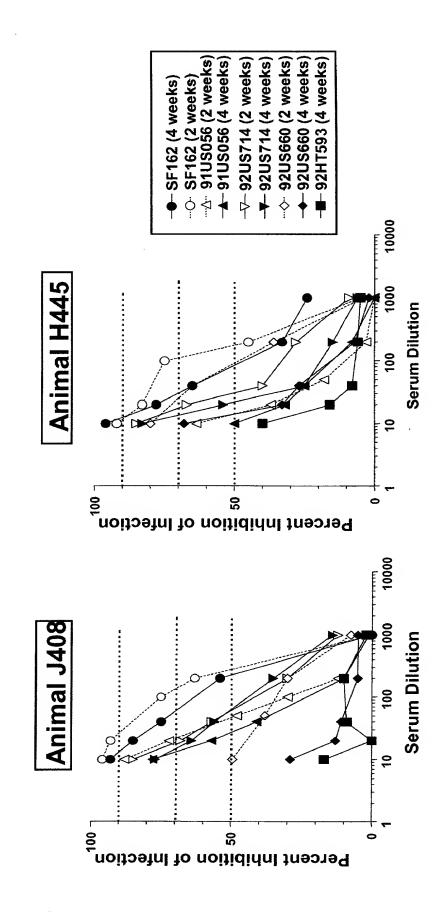
2570-1-001N FIGURE 9A



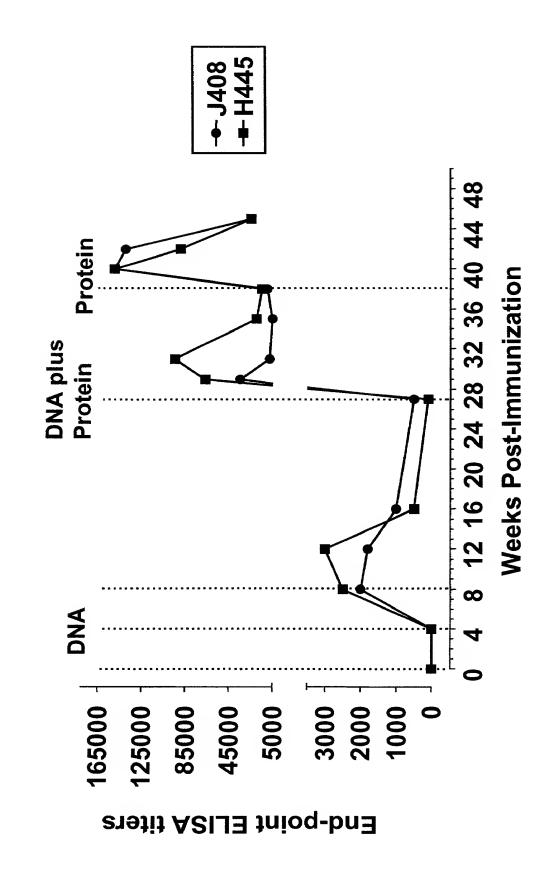
2570-1-001N FIGURE 9B



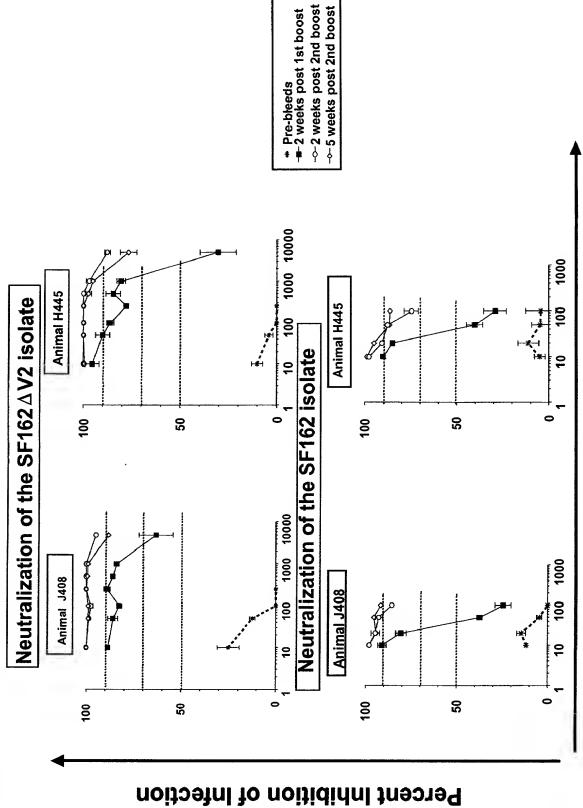
2570-1-001N FIGURE 10



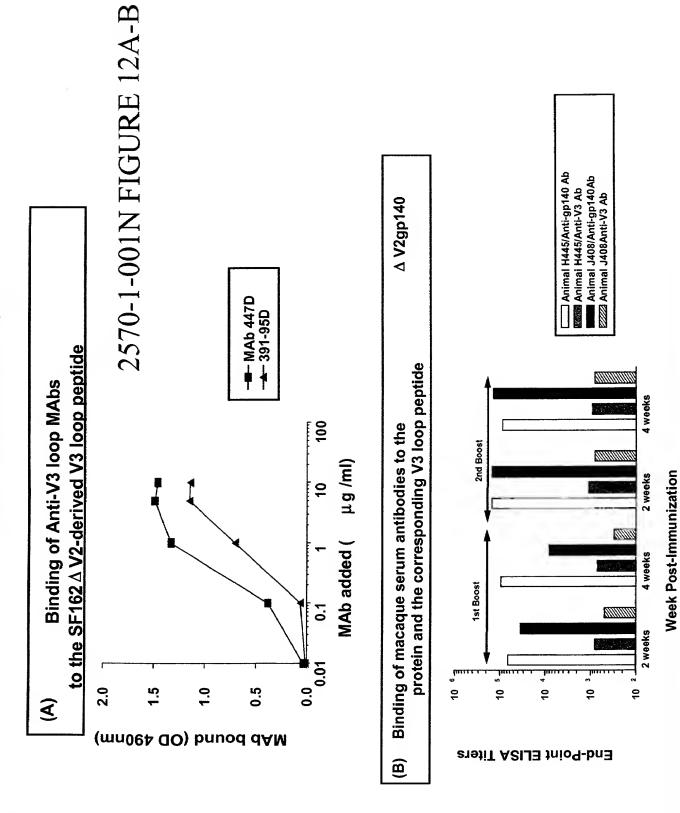
2570-1-001N FIGURE 11A



2570-1-001N FIGURE 11B

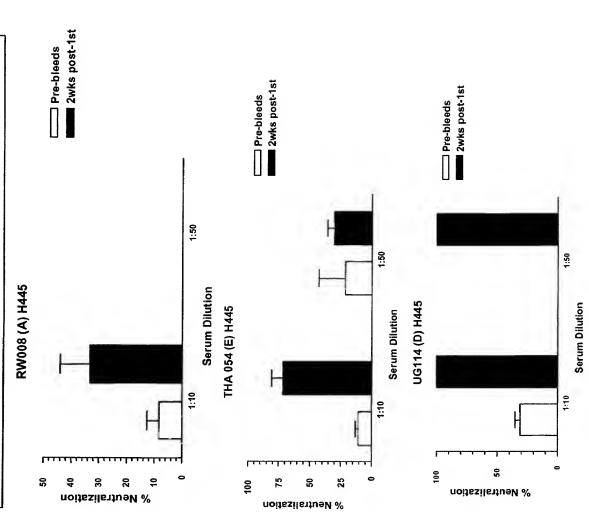


Serum Dilution



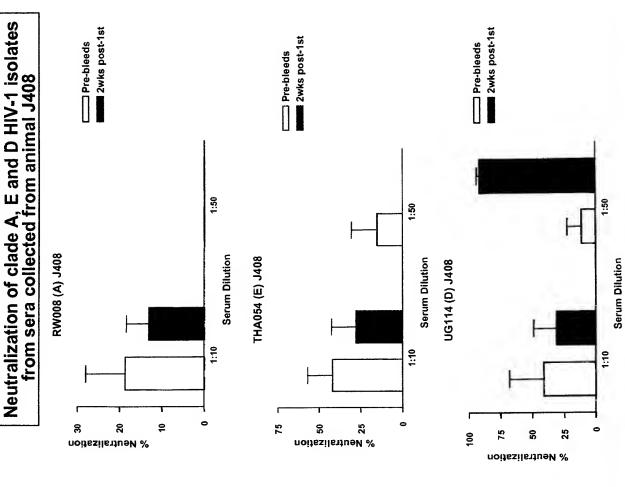
2570-1-001N FIGURE 13A

Neutralization of clade A, E and D HIV-1 viruses from sera collected from animal H445



2570-1-001N FIGURE 13B





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ccttgggatg ttgatgatct gtagtgctgt agaaaaattg tgggtcacag tctattatgg ggtacctgtg tggaaagaag caaccaccac tctattttgt gcatcagatg ctaaagccta tgacacagag gtacataatg tctgggccac acatgcctgt ģtacccacag accctaaccc acaagaaata gtattggaaa atgtgacaga aaattttaac atgtggaaaa ataacatggt catgtgtaaa gagtagtaat tggaaagaga tggacagagg agaaataaaa aattgctctt tcaaggtc agaacagatg catgaggata taatcagttt atgggatcaa agtctaaagc gttaacccca ctctgtgtta ctctacattg cactaatttg aagaatgcta

-GGA-GCT-GGA-

acaggectgt ccaaaggtat cetttgaace aatteecata cattattgtg eeeeggetgg acaatgctaa gagacataat ttaagcaatc caaataacac caaatattac ataaagtagt caggaagcac tgcaactcac gcagaaccaa caagaaaaga atgaacaaga attattagaa ttggataagt gggcaagttt ctgctgtgcc ttgaagaatc tcaggaccat tcaactcaat tagatctgaa aatttcacag tagtggagaa aaatggaata acaatagtct tgtggagggg actatagggc atttgcacca tacaccttaa gagagcattt tatgcaacag ataaacaggt agatgctcat aacaccaccg caattattgt cagcatctgt gtggaaagat tggaataaca ttatataaat agaagagtgg ttgggagcag agaaattaat gttcaatgga gccagtagtg cagttttaat aaaacaaatt aggacaaatt gtggtatata tgggaataaa ctgtaattca acacagcttt ttaatagtac ttggaataat agagatcagt gagaagtgaa ccttgggttc agtcctggct tggaaaactc ttggaatgct agttggagta ataaatctct ggatcagatt agagaaattg acaattacac aaacttaata caaggcaaag acaggccaga tgaggcgcaa ttttgcgatt ctaaagtgta atgataagaa cagcacagta caatgtacac atggaattag tggcagtcta gcagaagaag gggtagtaat aactataata gtacagctga aggaatctgt aggagatata agacaagcac attgtaacat gtggaattgg tttgacatat caaaatggct gacccagaaa ttgtaatgca taatggaact atcacactcc catgcagaat gagctatgtt tgagagctat ggggttgctc taggaccggg aagcacaatt ctcccatcag atggtggtaa tagcacccac cgctgacggt tccaggcaag gggacaattg aa attgataaat tgtaacacct cagtcattac tacaagaaaa agtataacta acaaaattac agtctggggc atcaagcagc aggaaaagca atgtatgccc aggactgcta ttaacaagag ccattaggag aacaatttgc ctagggattt ggagatatga gtgacgctag tatgggcgca cggtcactga aaaaattgag acagatagtt gcaacagcag tcaacagctc ctcaggaggg acctggaggt aaaaagagca ggagtgggag

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-GGA-GCT-GGA-

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tggcagtcta gcagaagaag gggtagtaat tagatctgaa aatttcacag acaatgctaa tgtacaagac ctaacaataa gagacataat ttaagcaatc agatgctcat caaatattac tgcagagaga tgcaactcac ctgctgtgcc tacaccttaa ttgaagaatc acaggcctgt ccaaaggtat cctttgaacc aattcccata cattattgtg ccccggctgg tcaggaccat gtacaaatgt tcaactcaat tgctgttaaa acactttaaa aatttttcta caaataacac ggcaggaagt agatcttcag ttatataaat ataaagtagt caggaagcac ctggtatagt gtggaaagat acctaaagga tggaataaca tgacctggat ttggataagt gggcaagttt atttgcacca aggagatata agacaagcac attgtaacat tagtggagaa aaatggaata acaatagtct ttggaataat actatagggc aacaccaccg tgtggagggg ataaacaggt agaagagtgg tatgcaacag cagcatctgt ttgggagcag caattattgt ctcccatcag aggacaaatt ttttgcgatt ctaaagtgta atgataagaa gttcaatgga caatgtacac atggaattag gccagtagtg aactataata gtacagctga aggaatctgt agaaattaat gagagcattt gggacaattg gagaagtgaa gcagaaccaa caagaaaaga atgaacaaga attattagaa catgcagaat aaaacaaatt ttggaatgct agttggagta ataaatctct ggatcagatt acaattacac aaacttaata aagcacaatt tgggaataaa cagttttaat atggtggtaa agagatcagt tagcaccac caaggcaaag gagctatgtt ccttgggttc cgctgacggt acaggccaga tccaggcaag agtcctggct ggggttgctc tggaaaactc gtggaattgg tttgacatat caaaatggct gtggtatata tgaggcgcaa tacaagaaaa agtataacta taggaccggg ttgtaatgca ttaatagtac tgagagetat acagatagtt acaaaattac ttaacaagag ggagatatga ctcaggaggg gacccagaaa atcacactcc ccattaggag agagaaattg gtgacgctag ctgtaattca acacagcttt aggaaaagca atgtatgccc cggtcactga aacaatttgc atcaagcagc ctagggattt aggactgcta acctggaggt aaaaattgag cagcacagta taatggaact aaaaagagca tatgggcgca ggagtgggag agtctggggc tcaacagctc gcaacagcag

Amino acid sequence of SF162AV2 gp140

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Amino acid sequence of SF162AV2 gp140 less 27 amino acid N -terminal sequence

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QELLELDKWASLWNWFDISKWLWYIK